

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A composite sacrificial anode for immersion in a corrosive environment comprising a plurality of castings of a sacrificial material each disposed around a corresponding electrical connector for attachment to a structure to be protected, a part of the surface of each casting being protected from corrosion by the environment by being adjacent to at least one other casting, wherein the castings are connected electrically together only via their respective electrical connectors and wherein the composite anode has a weight greater than 10 kg.

Claim 2 (previously presented): An anode as claimed in claim 1 wherein composite anode is in the form of a block.

Claim 3 (previously presented): An anode as claimed in claim 2 wherein the block is circular, square or rectangular in cross-section.

Claim 4 (previously presented): An anode as claimed in claim 1 whose weight is greater than 100 kg.

Claim 5 (previously presented): An anode as claimed in claim 1 wherein the castings are joined together by a waterproof mastic or resin.

Claim 6 (previously presented): An anode as claimed in claim 5 wherein the waterproof mastic or resin coats the surface of each casting around its electrical connector.

Claim 7 (previously presented): An anode as claimed in claim 1 wherein each electrical connector is substantially straight.

Claim 8 (previously presented): An anode as claimed in claim 5 wherein the mastic or resin completely fills any gaps between the castings.

Claim 9 (previously presented): An anode as claimed in claim 1 wherein the castings are identical.

Claim 10 (previously presented): An anode as claimed in claim 1 when composed of between two and six castings.

Claim 11 (previously presented): An anode as claimed in claim 1 wherein the sacrificial material is magnesium or a magnesium alloy.

Claim 12 (previously presented): An anode as claimed in claim 11 wherein the sacrificial material is an alloy consisting essentially of magnesium and from 0.15 to 1.3% by weight of manganese.

Claim 13 (previously presented): A method of producing a composite sacrificial anode for immersion in a corrosive environment and having an electrical connection for attachment to the structure to be protected, which method comprises casting a plurality of segments of a sacrificial material each in contact with a corresponding electrical connector, each connector being at least partly within its corresponding individual segment, assembling the segments together to form a composite anode such that a part of the surface of each segment is protected from corrosion by the environment by being adjacent to at least one other segment, and electrically connecting the segments together only via their electrical connectors, wherein the weight of the composite anode is greater than 10 kg.

Claim 14 (previously presented): A method as claimed in claim 13 wherein the composite anode is in the form of a block.

Claim 15 (previously presented): A method as claimed in claim 14 wherein the block is circular, square or rectangular in cross-section.

Claim 16 (previously presented): A method as claimed in claim 13 wherein the weight of the composite anode is greater than 100 kg.

Claim 17 (previously presented): A method as claimed in claim 13 wherein the castings are joined together by a waterproof mastic or resin.

Claim 18 (previously presented): A method as claimed in claim 17 wherein the waterproof mastic or resin is arranged to coat the surface of each segment around its electrical connectors.

Claim 19 (previously presented): A method as claimed in claim 13 wherein each electrical connector is substantially straight.

Claim 20 (previously presented): A method as claimed in claim 17 wherein the mastic or resin completely fills any gaps between the castings.

Claim 21 (previously presented): A method as claimed in claim 13 wherein each segment is identical.

Claim 22 (previously presented): A method as claimed in claim 13 wherein the anode is composed of between two and six segments.

Claim 23 (previously presented): A method as claimed in claim 13 wherein each segment is formed by continuous casting.

Claim 24 (previously presented): A method as claimed in claim 23 wherein each segment is forcibly cooled.

Claim 25 (previously presented): A method as claimed in claim 24 wherein the cooling is effected by water.

Claim 26 (previously presented): A method as claimed in claim 13 wherein the casting is effected by direct chill casting.

Claim 27 (previously presented): A method as claimed in claim 13 wherein the sacrificial material is magnesium or a magnesium alloy.

Claim 28 (previously presented): A method as claimed in claim 27 wherein the sacrificial material is an alloy consisting essentially of magnesium and from 0.15% to 1.3% by weight of manganese.

Claim 29 (new): A composite sacrificial anode for immersion in a corrosive environment, comprising at least two casting segments comprised of sacrificial material, an electrical connector at least partly within each corresponding casting segment for attachment to a structure to be protected, each casting segment including exterior surfaces and at least one interior surface, each said interior surface of each said casting segment being spaced apart from said interior surface of another said casting segment forming a gap therebetween, wherein said gap is sufficiently small effective to protect said interior surfaces from corrosion by the environment, an electrically insulating waterproof layer being disposed in each of said gaps, and

said electrical connectors of each of the casting segments are connected electrically together.

Claim 30 (new): An anode as claimed in claim 29 wherein a weight of said anode exceeds 100 kg.

Claim 31 (new): An anode as claimed in claim 29 wherein said anode is comprised of between two and six casting segments.

Claim 32 (new): An anode as claimed in claim 29 wherein the sacrificial material is an alloy consisting essentially of magnesium and from 0.15% to 1.3% by weight of manganese.